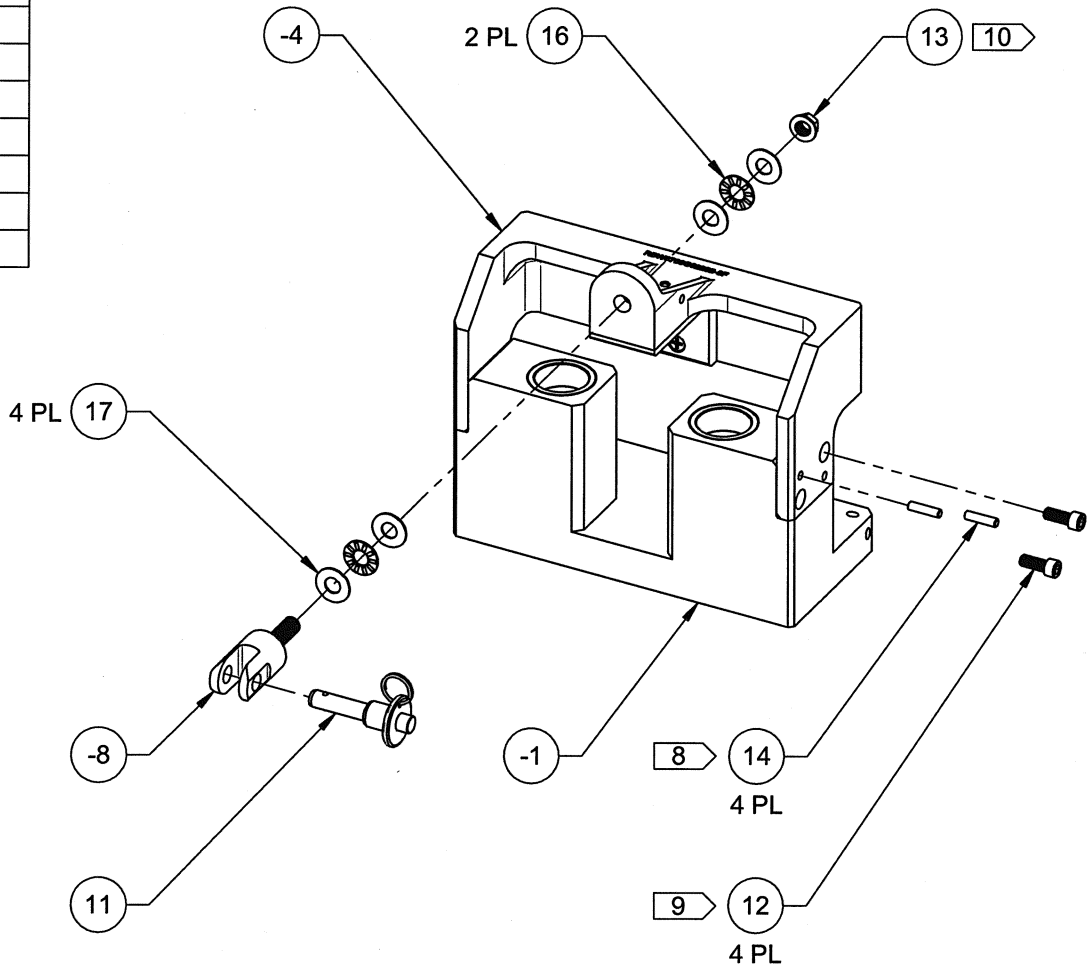
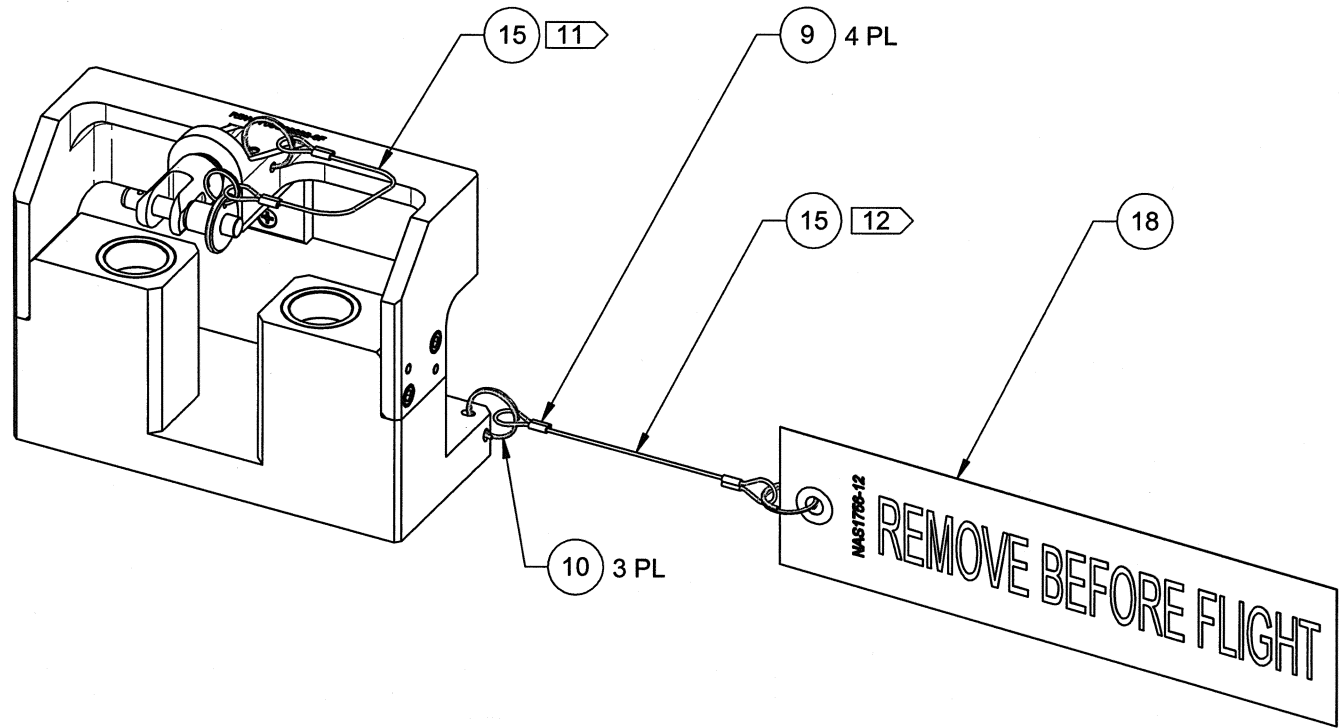


ITEM #	QTY	PART #	PART TITLE
-1	1	RBW6700G02232-6F-1	BASE ASSEMBLY
-4	1	RBW6700G02232-6F-4	SUPPORT ASSEMBLY
-8	1	RBW6700G02232-6F-8	CONNECTOR
9	4	McMaster#3896T31 OR EQUIV.	ALUMINUM WIRE ROPE COMPRESSION SLEEVE 1/16" DIA. X 3/8" LG.
10	3	McMaster#90905A655 OR EQUIV.	316 SS SPLIT RING 15/16" ID. X 1-1/16" OD. X 1/8" THK.
11	1	McMaster#90985A311 OR EQUIV.	17-4 PH SS PUSH BUTTON QUICK RELEASE PIN 3/8" DIA. X 1" USABLE LG.
12	4	McMaster#92185A559 OR EQUIV.	316 SS SOCKET HEAD SCREW 1/4"-28 X 5/8" LG.
13	1	McMaster#95307A700 OR EQUIV.	CADMIUM PLATED STEEL FLANGE LOCKNUT 3/8"-24 X 9/32" HT.
14	4	McMaster#98380A508 OR EQUIV.	416 SS DOWEL PIN 3/16" DIA. X 3/4" LG.
15	A/R	CARR-LANE#CL-2-C	NYLON COATED STEEL LANYARD 1/16" DIA.
16	2	NTA-613	STEEL NEEDLE ROLLER THRUST BEARING 0.377" ID. X 13/16" OD. X 5/64" THK.
17	4	TRA-613	STEEL THRUST WASHER 0.377" ID. X 13/16" OD. X 0.032" THK.
18	1	NAS1756-12	REMOVE BEFORE FLIGHT FLAG



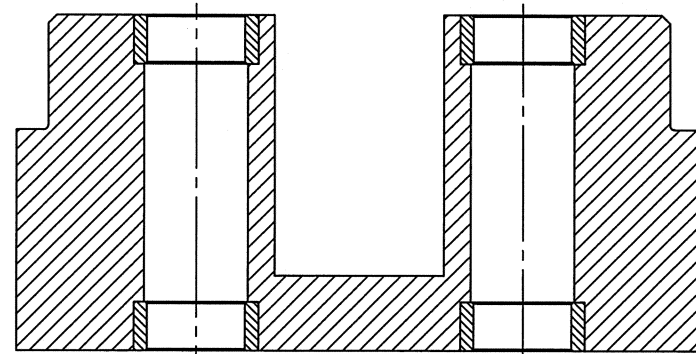
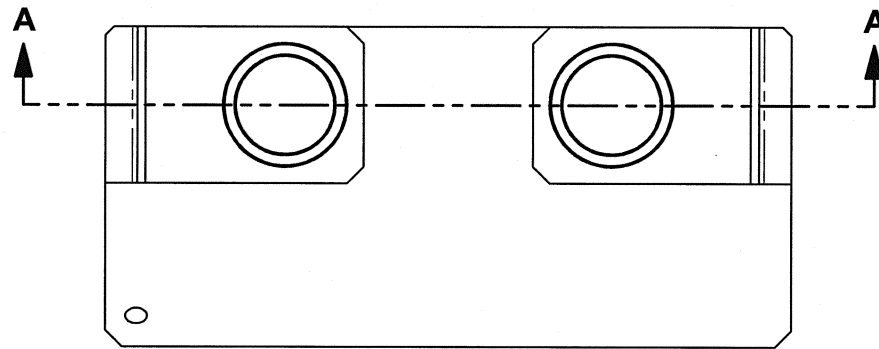
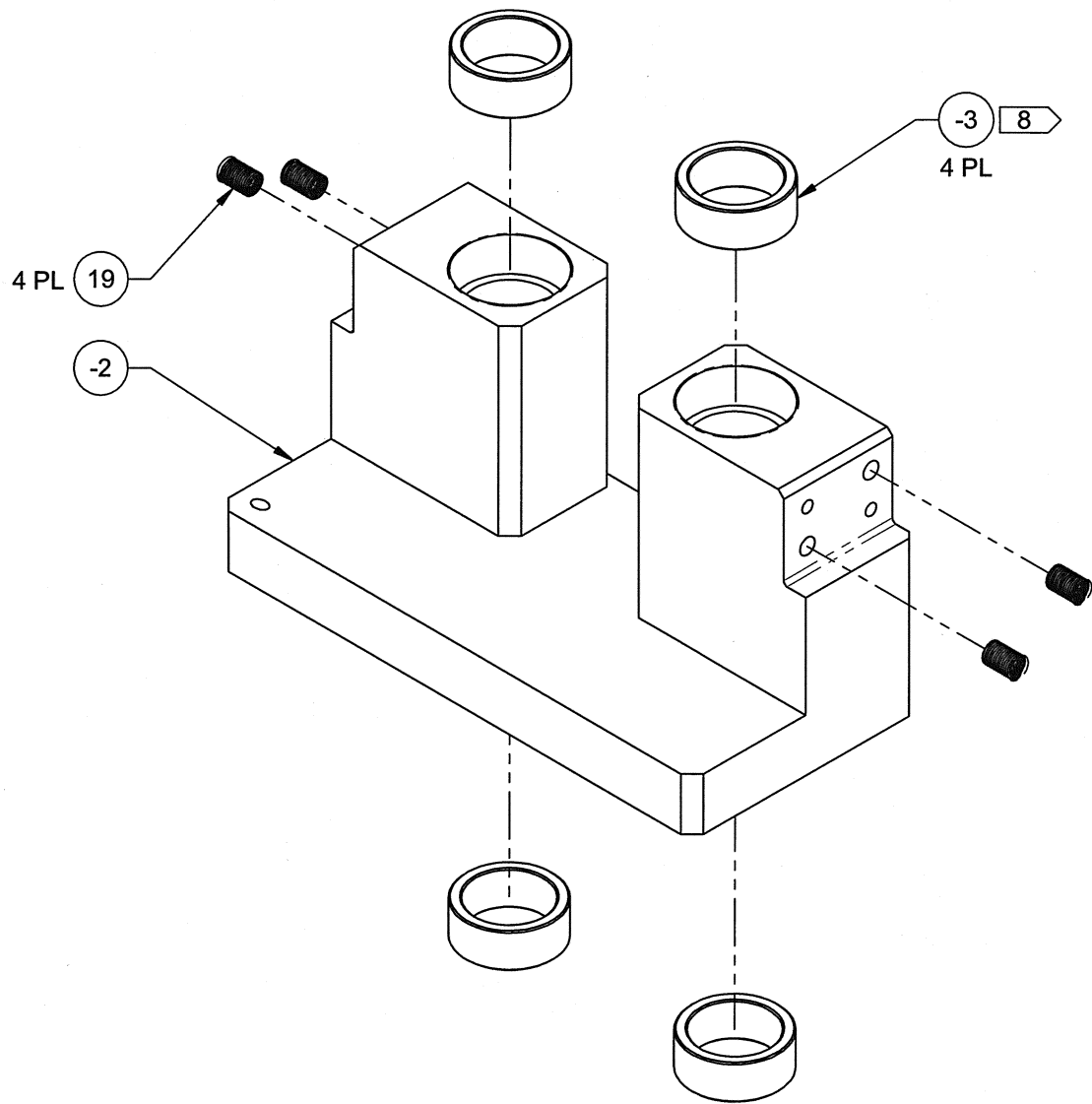
**ITEMS 9, 10, 15 AND 18
REMOVED FOR CLARITY**

NOTES: **RBW6700G02232-6F M/R CLINOMETER SUPPORT TOOL**

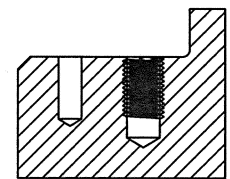
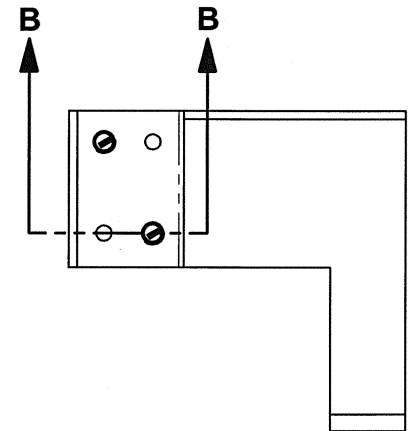
- 1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) IDENTIFICATION: N/A
7) ASSEMBLE AS SHOWN
8) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES
THEN PRESS FIT ITEM 14 WITH ITEM -1, AND REMOVE EXCESS
9) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 12 THEN ASSEMBLE WITH ITEM -1, AND REMOVE EXCESS
10) TORQUE ITEM 13 TO 8-9 FT-LBS (95-110 IN-LBS)
11) ASSEMBLED LANYARD LENGTH MUST BE 6" +/- 1", LANYARD MUST MOVE FREELY WHEN INSTALLING/REMOVING ITEM 13
12) ASSEMBLED LANYARD LENGTH MUST BE 6" +/- 1"
13) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

A	NEW ISSUE	19-705	KPT
REV.	DESCRIPTION	ECN #	BY
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G02232-6F	SHEET 1 OF 9
APPROVED		TITLE	SCALE
		M/R CLINOMETER SUPPORT TOOL	NTS
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ITEM #	QTY	PART #	PART TITLE
-2	1	RBW6700G02232-6F-2	BASE
-3	4	RBW6700G02232-6F-3	BUSHING
19	4	McMaster#91732A737 OR EQUIV.	SS18-8 HELICAL INSERT 1/4"-28 X 1/2" LG.




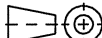
SECTION A-A

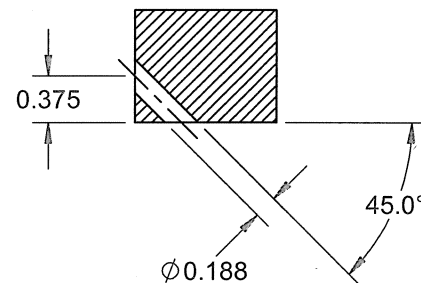


SECTION B-B
4 PL

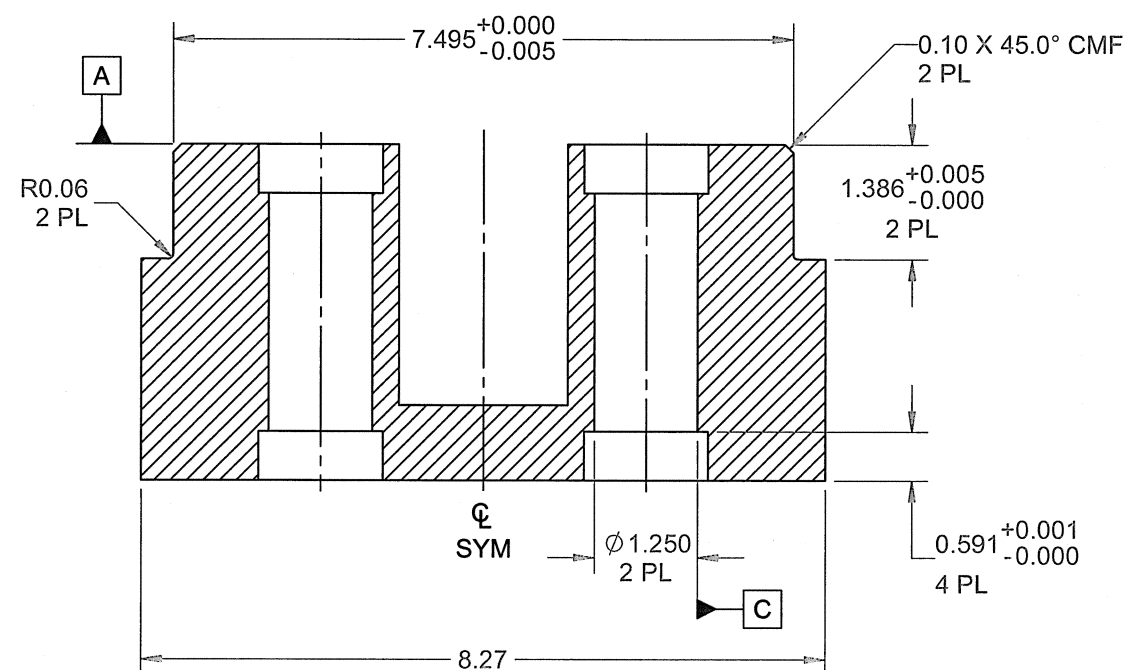
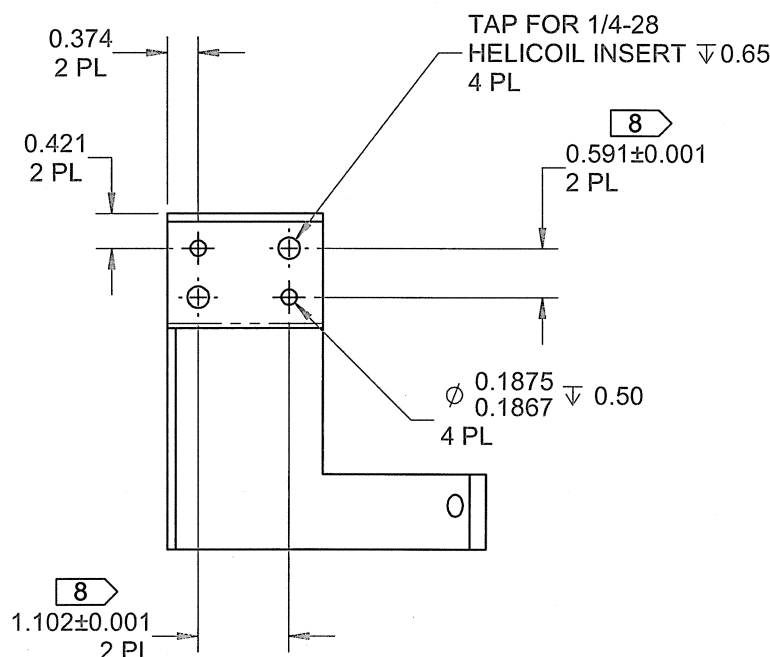
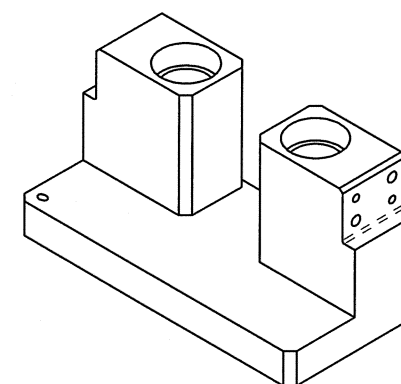
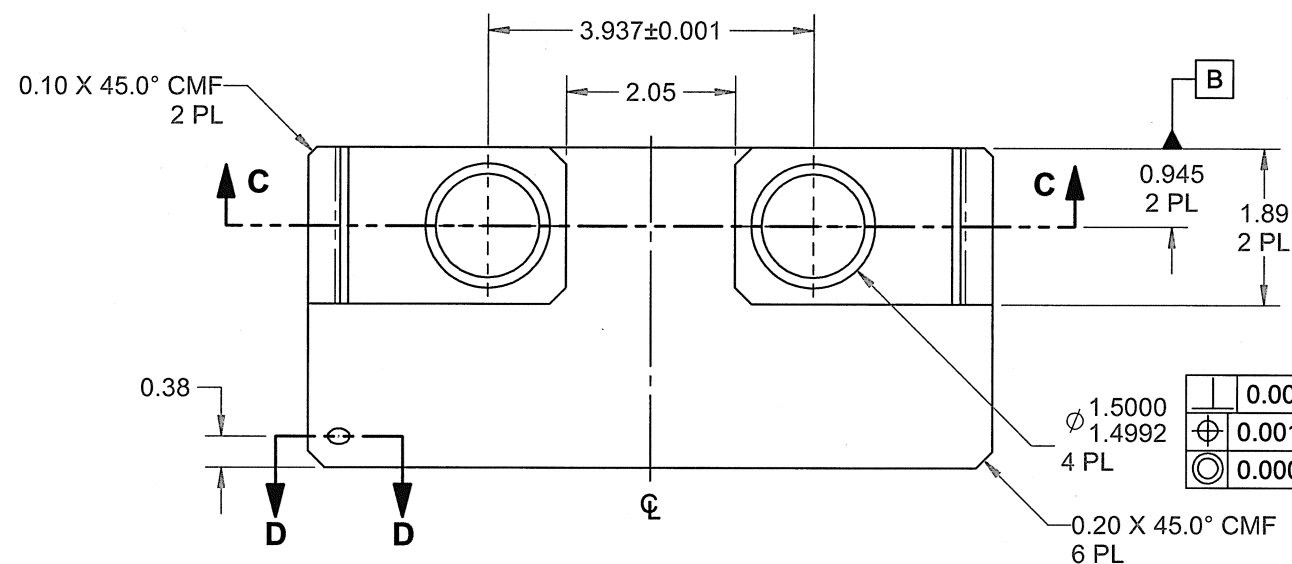
RBW6700G02232-6F-1 BASE ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
 - 2) HEAT TREAT: N/A
 - 3) FINISH: N/A
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) IDENTIFICATION: N/A
 - 7) ASSEMBLE AS SHOWN
 - 8) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES
THEN PRESS FIT ITEM -3 WITH ITEM -2, AND REMOVE EXCESS

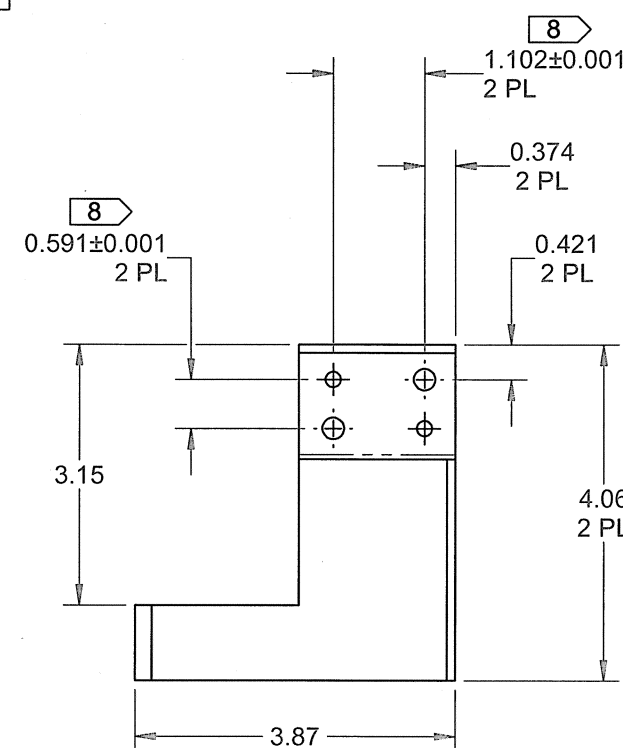
DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G02232-6F	SHEET 2 OF 9
APPROVED		TITLE	SCALE
		M/R CLINOMETER SUPPORT TOOL	NTS 
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SECTION D-D



SECTION C-C



RBW6700G02232-6F-2 BASE

- NOTES:
- 1) MATERIAL: 6061-T6 / 7075-T6
 - 2) HEAT TREAT: N/A
 - 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
 - 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
 - 5) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 6) REMOVE ALL SHARP EDGES AND BURRS
 - 7) IDENTIFICATION: N/A
 - 8) SYMMETRIC TOLERANCE OF ±0.001 ONLY APPLICABLE FOR DOWEL PIN HOLES OF Ø0.1875/0.1867

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G02232-6F	SHEET 3 OF 9
APPROVED		TITLE	SCALE
		M/R CLINOMETER SUPPORT TOOL	NTS
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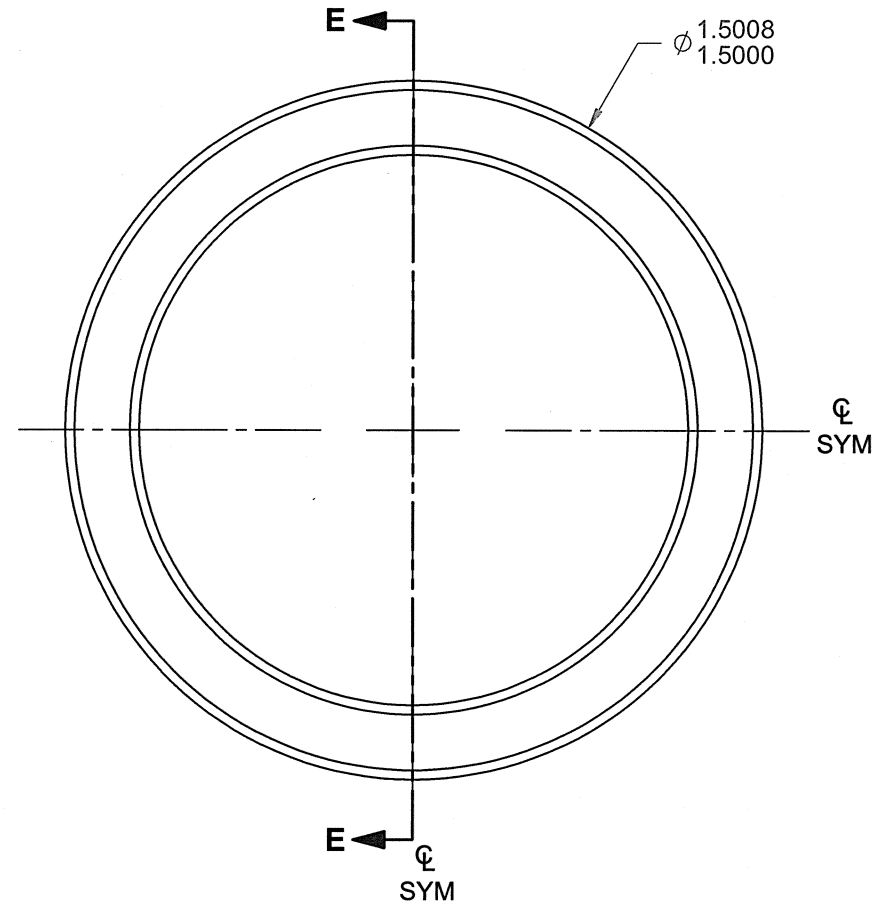
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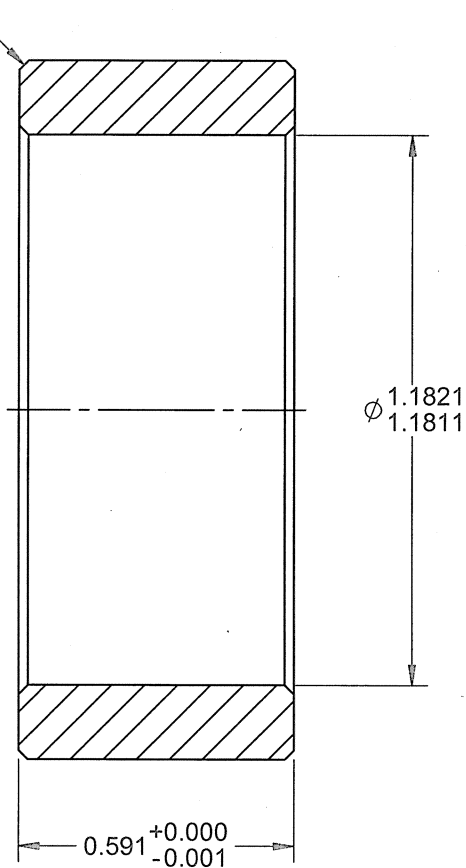
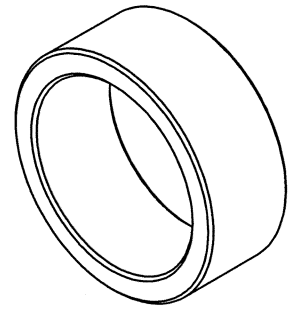
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**RBW6700G02232-6F-3 BUSHING**0.02 X 45.0° CMF
4 PL

SYM

**SECTION E-E**

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NOTES:

1) MATERIAL: BRONZE C63000

2) HEAT TREAT: N/A

3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°



X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

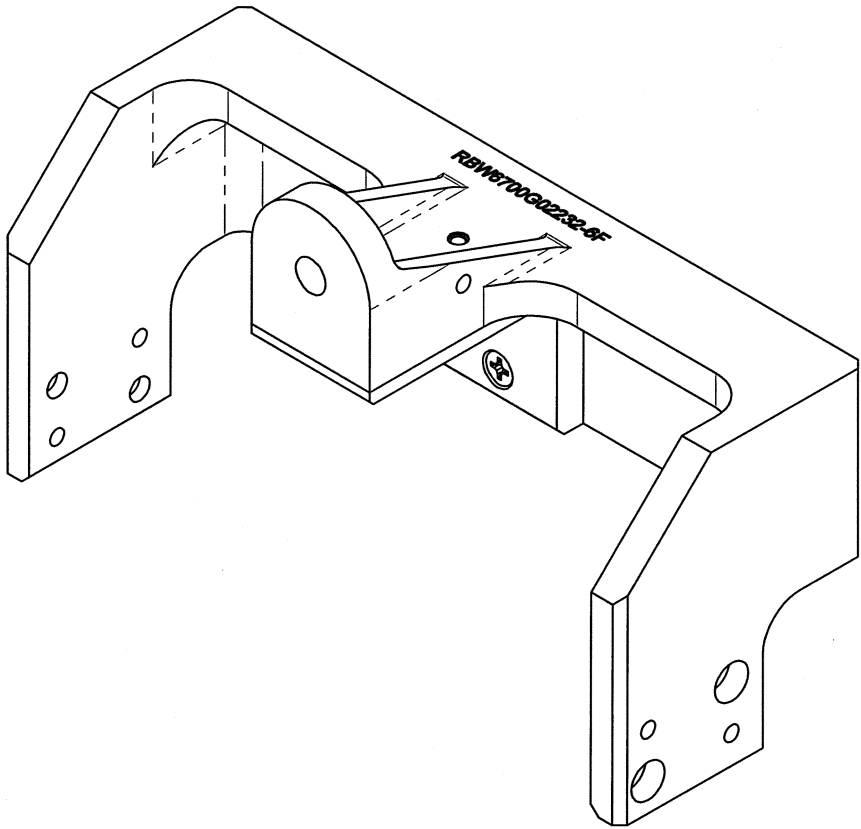
5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) REMOVE ALL SHARP EDGES AND BURRS

7) IDENTIFICATION: N/A

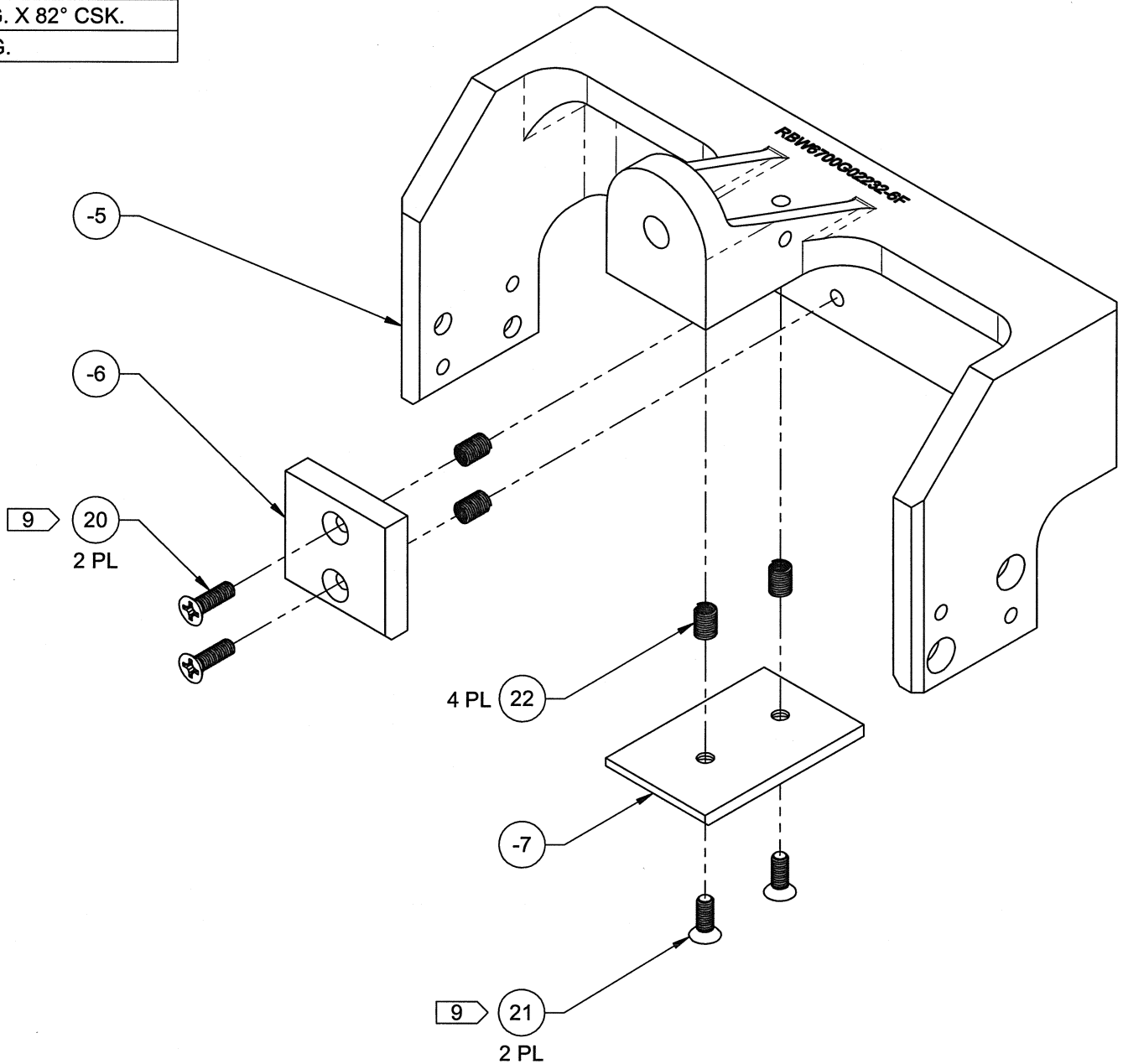
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DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G02232-6F	SHEET 4 OF 9
APPROVED		TITLE	SCALE
DATE	4/23/2019	M/R CLINOMETER SUPPORT TOOL	NTS 
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ITEM #	QTY	PART #	PART TITLE
-5	1	RBW6700G02232-6F-5	SUPPORT
-6	1	RBW6700G02232-6F-6	PROTECTION #1
-7	1	RBW6700G02232-6F-7	PROTECTION #2
20	2	McMaster#91500A358 OR EQUIV.	316 SS PHILLIPS FLAT HEAD SCREW #10-32 X 5/8" LG. X 82° CSK.
21	2	McMaster#91500A829 OR EQUIV.	316 SS PHILLIPS FLAT HEAD SCREW #10-32 X 1/2" LG. X 82° CSK.
22	4	McMaster#91732A725 OR EQUIV.	18-8 SS HELICAL INSERT #10-32 X 0.38" LG.

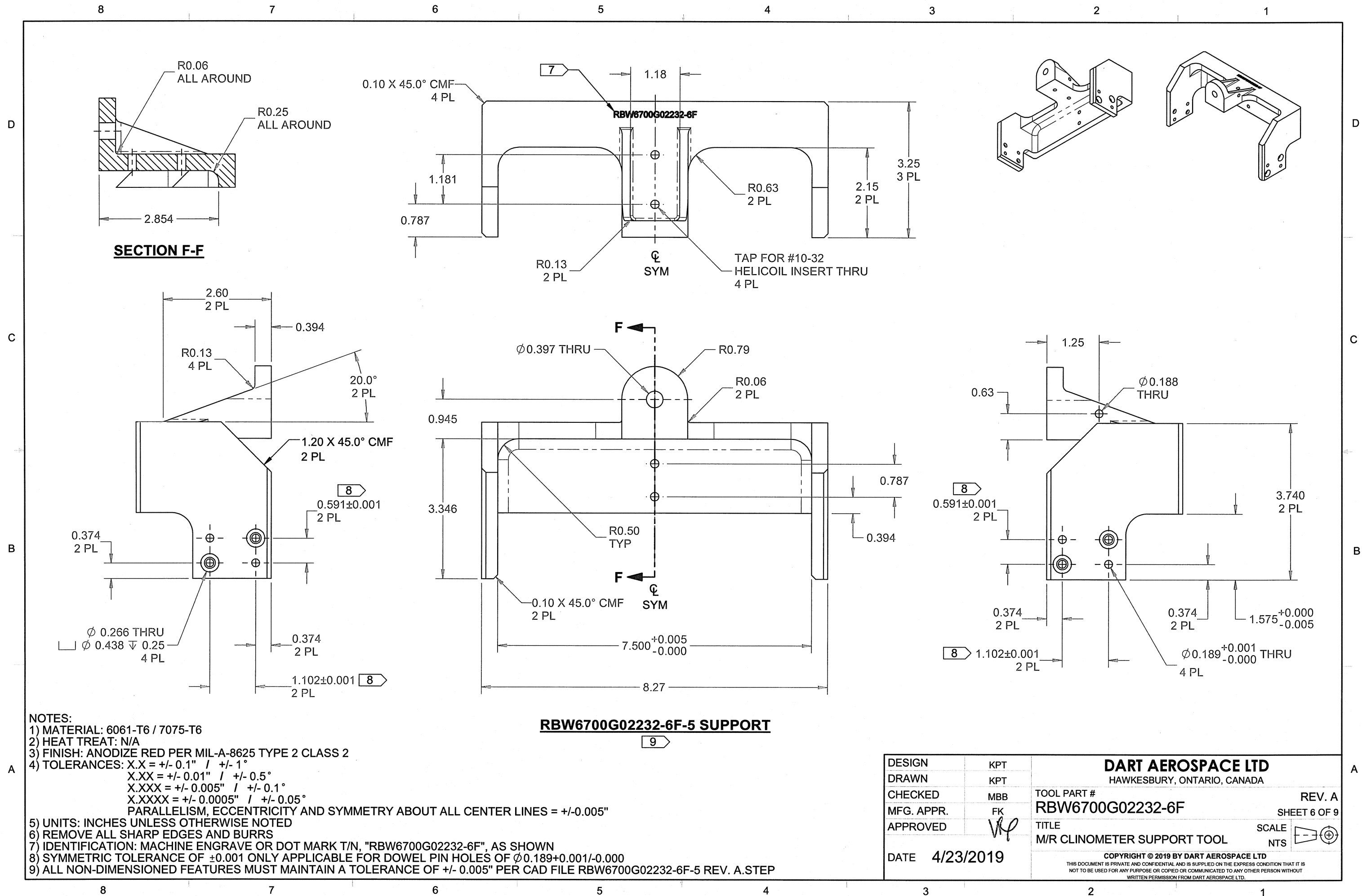


RBW6700G02232-6F-4 SUPPORT ASSEMBLY

NOTES:
1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A
4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) BREAK SHARP EDGES: N/A
7) IDENTIFICATION: N/A
8) ASSEMBLE AS SHOWN
9) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEMS 20 AND 21, THEN ASSEMBLE WITH ITEM 22, AND REMOVE EXCESS



DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G02232-6F	SHEET 5 OF 9
APPROVED		TITLE	SCALE
		M/R CLINOMETER SUPPORT TOOL	NTS
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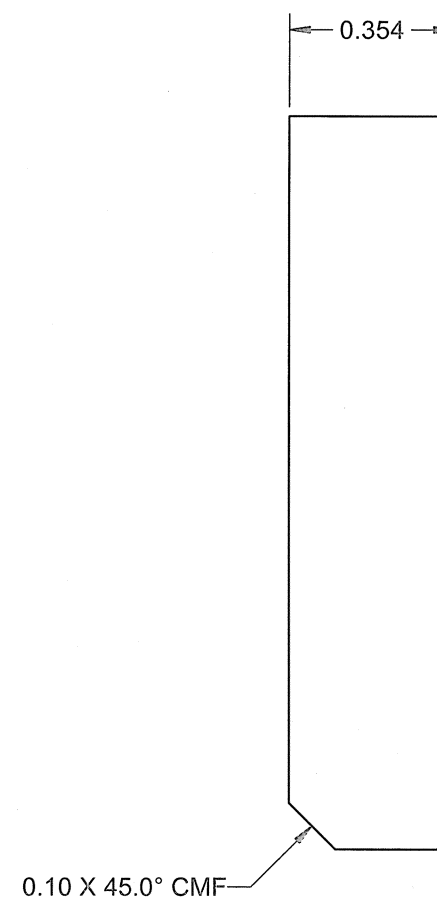
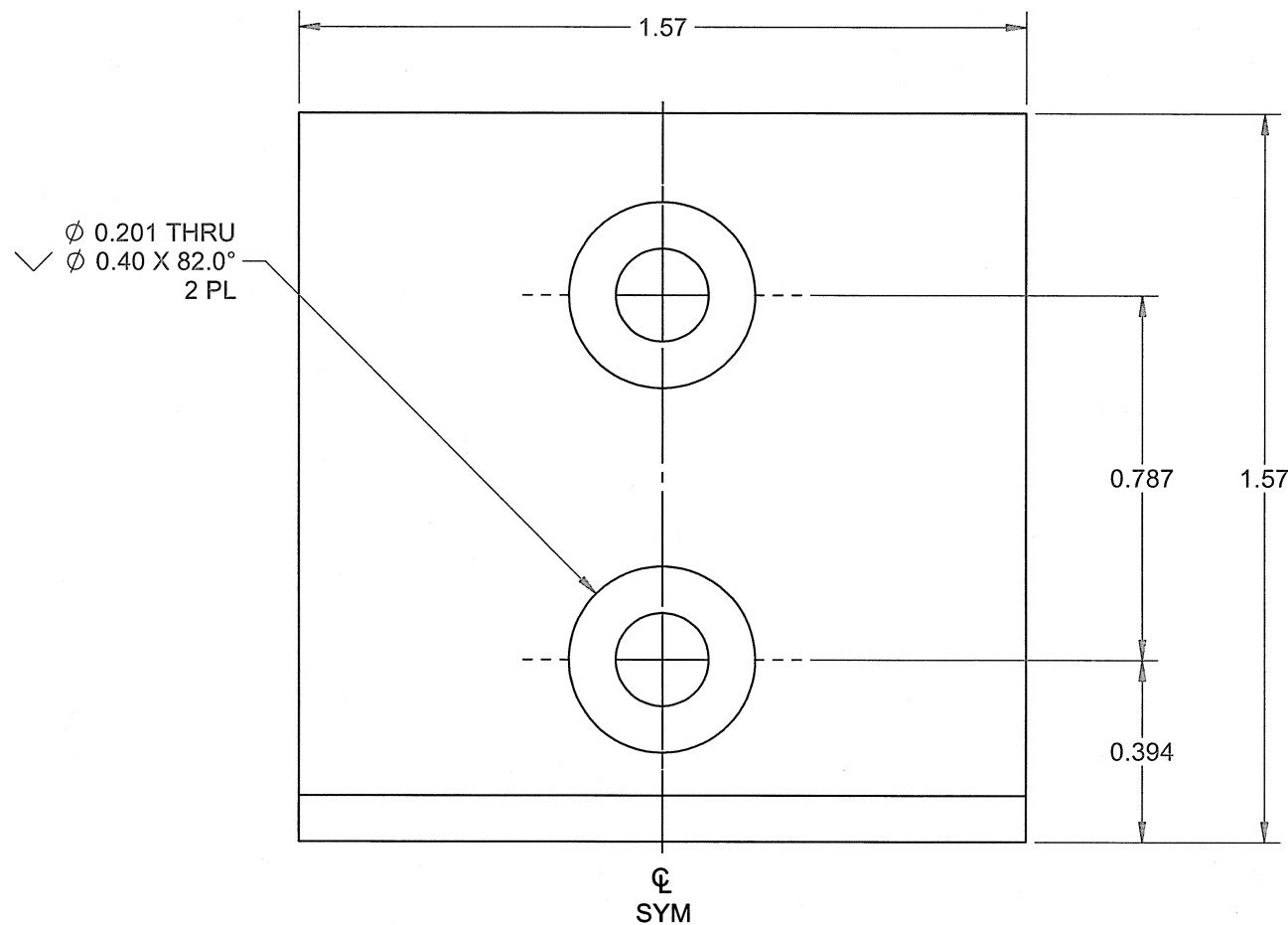
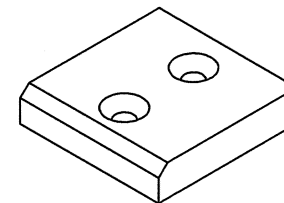
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**RBW6700G02232-6F-6 PROTECTION #1****NOTES:**

- 1) MATERIAL: UHMW
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G02232-6F	SHEET 7 OF 9
APPROVED	WY	TITLE	SCALE
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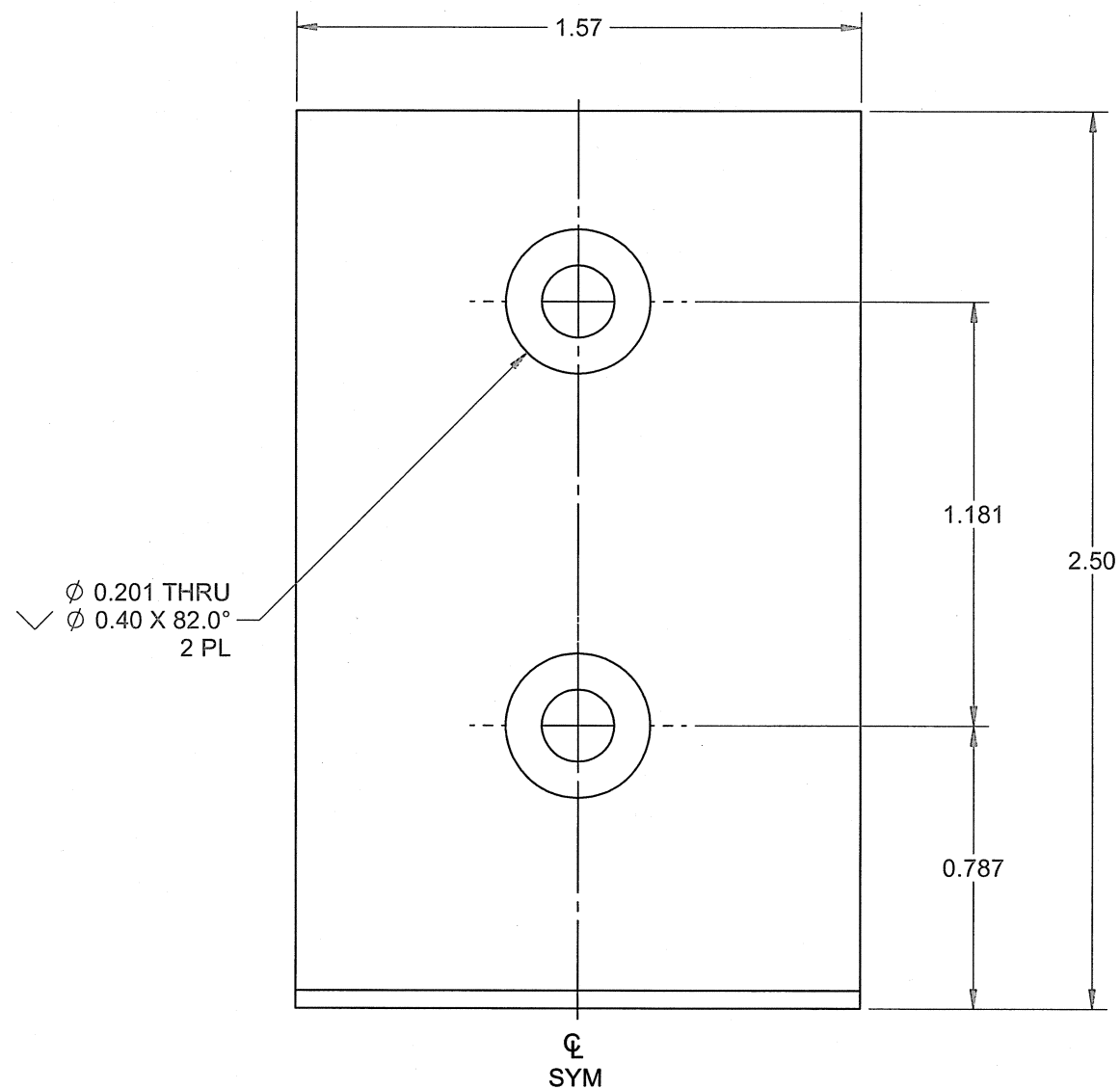
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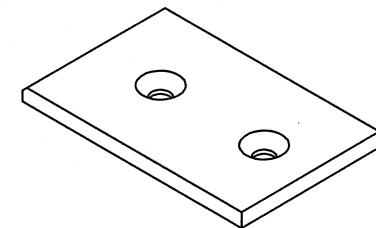
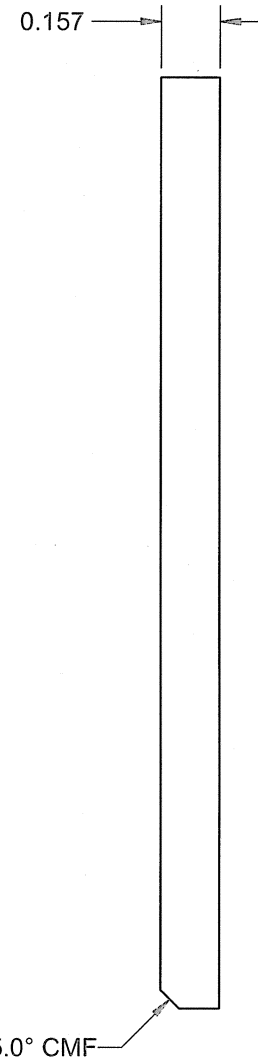
**RBW6700G02232-6F-7 PROTECTION #2****NOTES:**

- 1) MATERIAL: UHMW
2) HEAT TREAT: N/A
3) FINISH: N/A

- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
6) REMOVE ALL SHARP EDGES AND BURRS
7) IDENTIFICATION: N/A





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DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G02232-6F	SHEET 8 OF 9
APPROVED		TITLE	SCALE
		M/R CLINOMETER SUPPORT TOOL	NTS 
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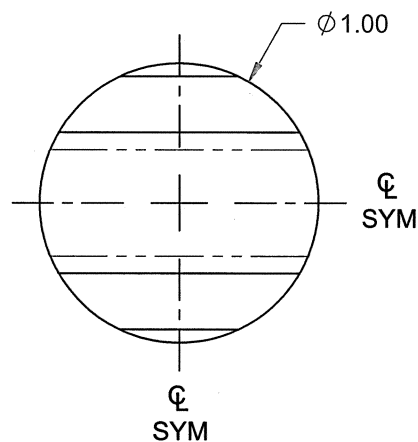
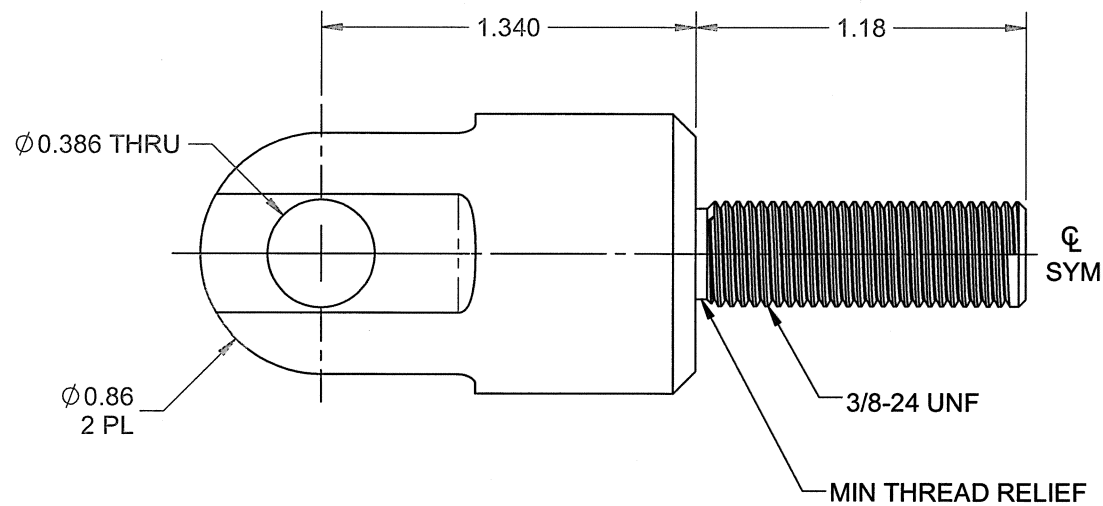
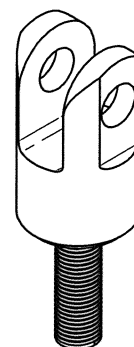
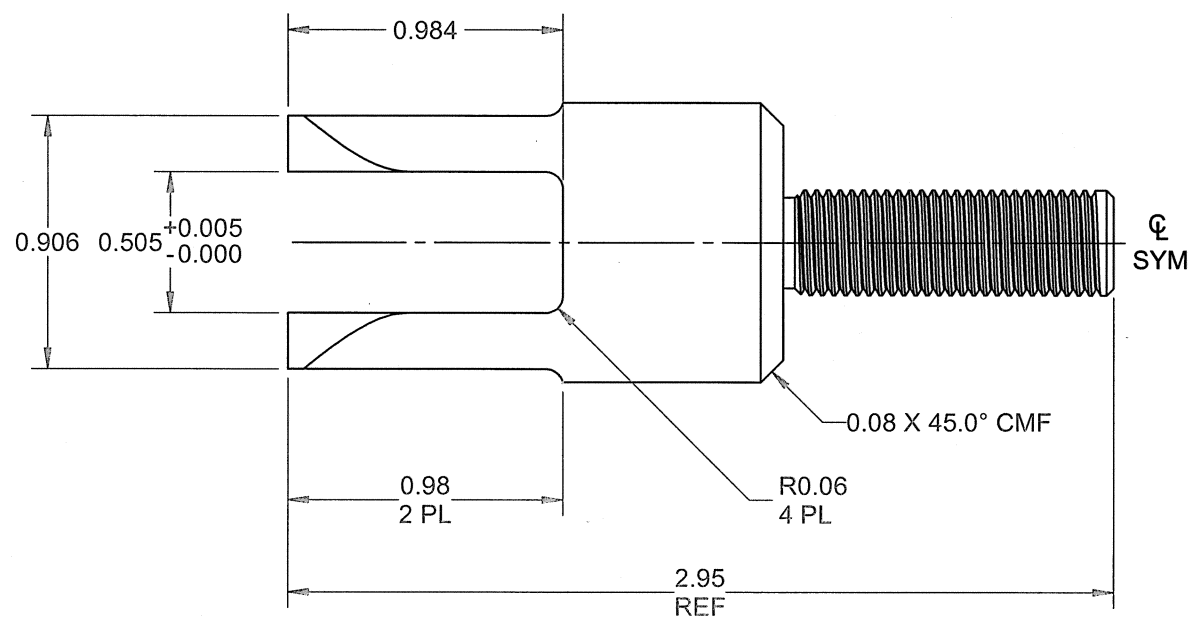
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**RBW6700G02232-6F-8 CONNECTOR****NOTES:**

- 1) MATERIAL: 4140 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A

DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	KPT	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G02232-6F	SHEET 9 OF 9
APPROVED		TITLE	SCALE
		M/R CLINOMETER SUPPORT TOOL	NTS 
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